


```
Print #1, " <td>Center*, County</td>"
Print #1, " </tr>"
```

Do Until pQFeature Is Nothing

```
QNum = pQFeature.Value(pQFC.FindField("LOCATION"))
QName = pQFeature.Value(pQFC.FindField("NAME"))
QOhio = pQFeature.Value(pQFC.FindField("OHIO_CODE"))
```

```
Set pQPoly = pQFeature.Shape
Set pQPoint = pQPoly.Centroid
centerXY = CLng(pQPoint.Y) & "N " & CLng(pQPoint.X) & "E"
```

```
Dim pSpatialFilter As ISpatialFilter
Set pSpatialFilter = New SpatialFilter
Set pSpatialFilter.Geometry = pQPoint
pSpatialFilter.SpatialRel = esriSpatialRelWithin
```

```
Dim pCoCursor As ICursor
Dim pCoRow As IRow
Set pCoCursor = pCoFayer.FeatureClass.Search(pSpatialFilter, False)
Set pCoRow = pCoCursor.NextRow
```

```
If pCoRow Is Nothing Then
    Set pSpatialFilter.Geometry = pQPoly
    pSpatialFilter.SpatialRel = esriSpatialRelIntersects
    Set pCoCursor = pCoFC.Search(pSpatialFilter, False)
    Set pCoRow = pCoCursor.NextRow
End If
```

```
Print #1, " <tr>"
Print #1, " <td><a href=""ftp://ftp.agrc.state.ut.us/DRG_83/" & LCase(QNum) & "_drg24.zip"">" & QNum & "</a></td>"
Print #1, " <td>" & QName & "</td>"
Print #1, " <td>" & QOhio & "</td>"
Print #1, " <td>" & centerXY & "</td>"
If Not pCoRow Is Nothing Then
    Print #1, " <td>" & pCoRow.Value(pCoFC.FindField("NAME")) & "</td>"
Else
    Print #1, " <td>n/a</td>"
End If
Print #1, " </tr>"
```

```
Set pQFeature = pQFCursor.NextFeature
```

```
Loop
Print #1, "</table>"
Print #1, "<p>* Shows the Utah county that is at the quads centroid, or if centroid is not available, a county that
intersects the quad.</p>"
Close #1
```

End Sub

```
Public Sub QuadNameTable()
    Open "C:/temp/quadnameout.html" For Output As #1
```

```
Dim pMxDoc As IMxDocument
Dim pMap As IMap
Set pMxDoc = ThisDocument
Set pMap = pMxDoc.FocusMap
```

```
Dim pCoFayer As IFeatureLayer
Dim pQFLayer As IFeatureLayer
Dim pQFC As IFeatureClass
Dim pCoFC As IFeatureClass
```

```
Set pCoFlayer = pMap.Layer(0)
Set pQFLayer = pMap.Layer(1)
Set pQFC = pQFLayer.FeatureClass
Set pCoFC = pCoFlayer.FeatureClass
```

```
Dim pTableSort As ITableSort
Set pTableSort = New TableSort
```

```
Set pTableSort.Table = pQFC
pTableSort.Fields = "NAME"
pTableSort.Ascending("NAME") = True
pTableSort.Sort Nothing
```

```
Dim pQFCursor As IFeatureCursor
Dim pQFeature As IFeature
Set pQFCursor = pTableSort.Rows
Set pQFeature = pQFCursor.NextFeature
```

```
Dim QName As String
Dim QNum As String
Dim QOhio As String
Dim CoString As String
Dim pQPoly As IArea
Dim pQPoint As IPoint
Dim centerXY As String
Dim centerCounty As String
```

```
Print #1, "<table>"
Print #1, " <tr>"
Print #1, " <td>Quad Number</td>"
Print #1, " <td>Quad Name</td>"
Print #1, " <td>Ohio Code        </td>"
Print #1, " <td>Center, UTM NAD83        </td>"
Print #1, " <td>Center*, County</td>"
Print #1, " </tr>"
```

```
Do Until pQFeature Is Nothing
```

```
QNum = pQFeature.Value(pQFC.FindField("LOCATION"))
QName = pQFeature.Value(pQFC.FindField("NAME"))
QOhio = pQFeature.Value(pQFC.FindField("OHIO_CODE"))
```

```
Set pQPoly = pQFeature.Shape
Set pQPoint = pQPoly.Centroid
centerXY = CLng(pQPoint.Y) & "N, " & CLng(pQPoint.X) & "E"
```

```
Dim pSpatialFilter As ISpatialFilter
Set pSpatialFilter = New SpatialFilter
Set pSpatialFilter.Geometry = pQPoint
pSpatialFilter.SpatialRel = esriSpatialRelWithin
```

```
Dim pCoCursor As ICursor
Dim pCoRow As IRow
Set pCoCursor = pCoFlayer.FeatureClass.Search(pSpatialFilter, False)
Set pCoRow = pCoCursor.NextRow
```

```
If pCoRow Is Nothing Then
    Set pSpatialFilter.Geometry = pQPoly
    pSpatialFilter.SpatialRel = esriSpatialRelIntersects
    Set pCoCursor = pCoFC.Search(pSpatialFilter, False)
    Set pCoRow = pCoCursor.NextRow
End If
```

```
Print #1, " <tr>"
```

```
Print #1, " <td><a href=""ftp://ftp.agrc.state.ut.us/DRG_83/" & LCase(QNum) & "_drg24.zip"">" & QNum & "</a></td>"
Print #1, " <td>" & QName & "</td>"
Print #1, " <td>" & QOhio & "</td>"
Print #1, " <td>" & centerXY & "</td>"
If Not pCoRow Is Nothing Then
    Print #1, " <td>" & pCoRow.Value(pCoFC.FindField("NAME")) & "</td>"
Else
    Print #1, " <td>n/a</td>"
End If
Print #1, " </tr>"

Set pQFeature = pQFCursor.NextFeature

Loop
Print #1, "</table>"
Print #1, "<p>* Shows the Utah county that is at the quads centroid, or if centroid is not available, a county that
intereseects the quad.</p>"
Close #1

End Sub
```